

FIG. 1

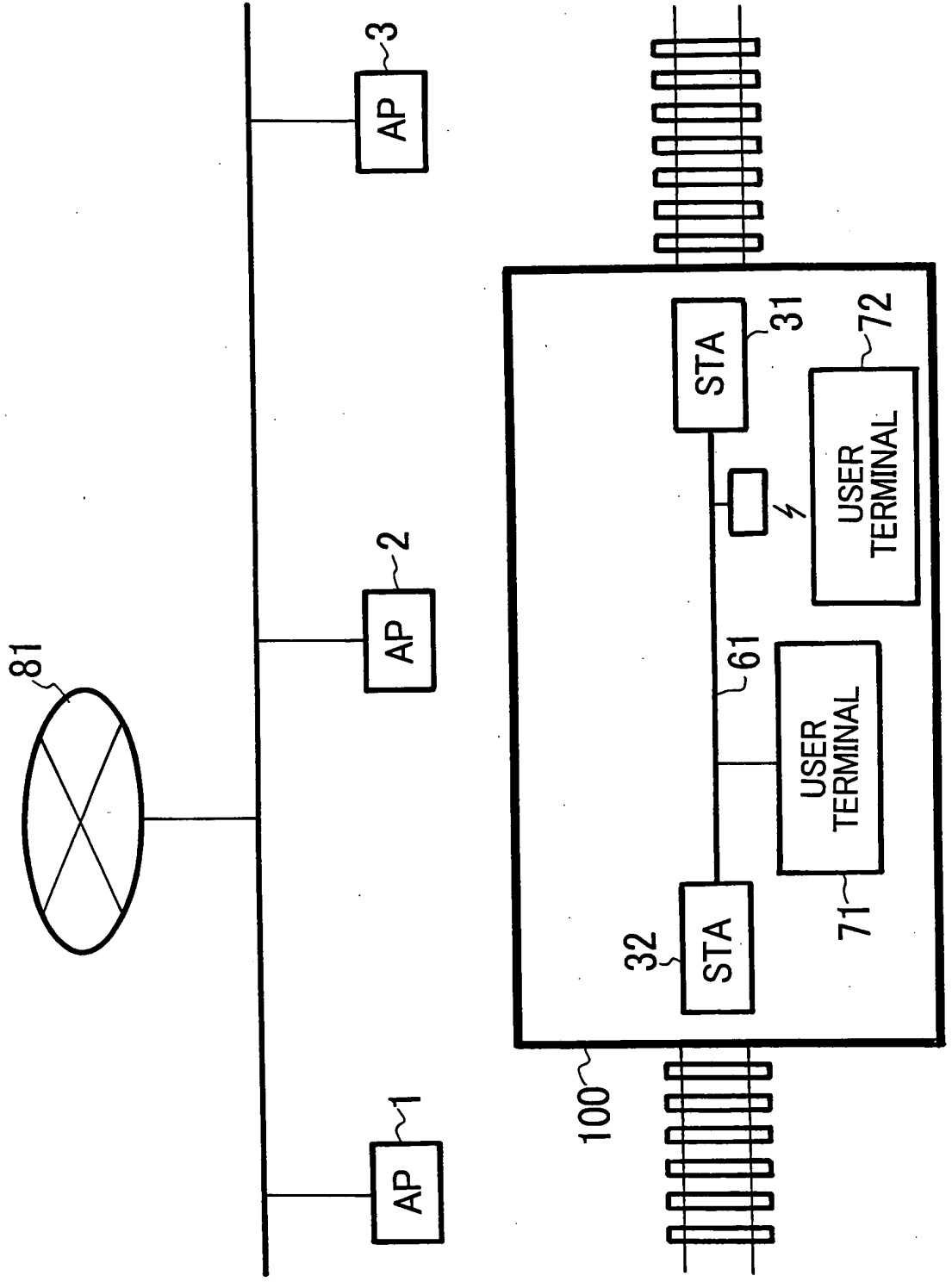


FIG.2

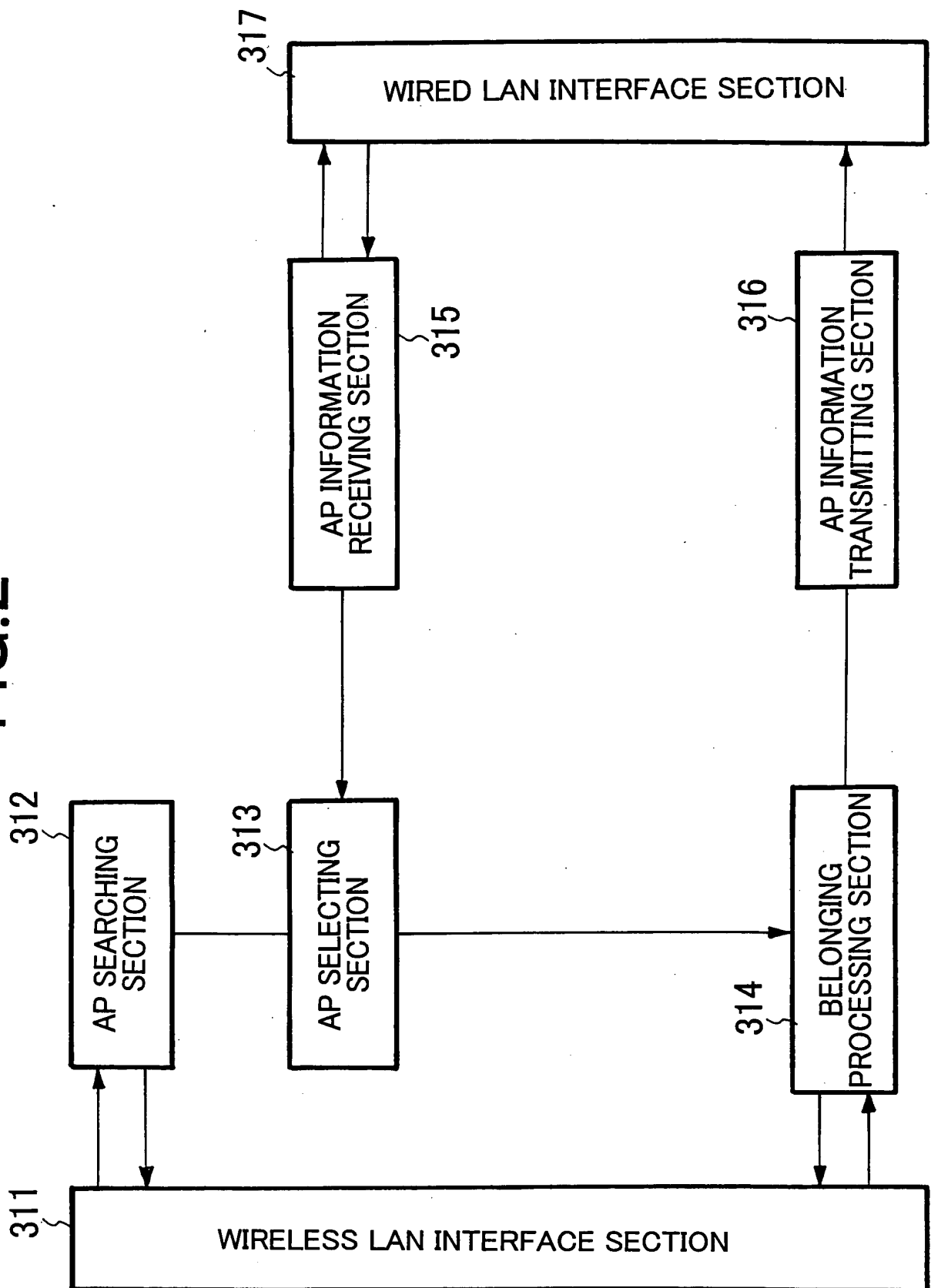


FIG.3

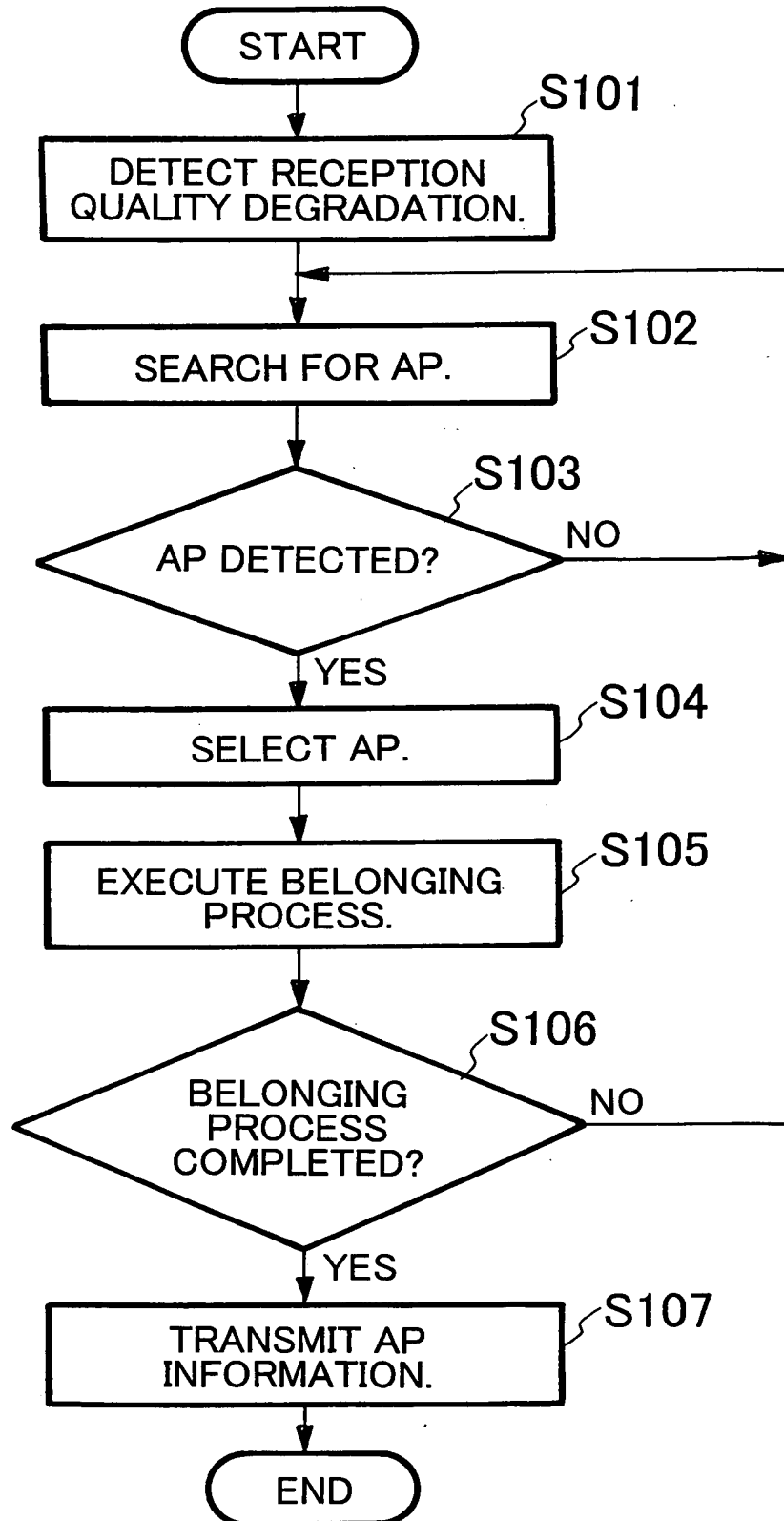


FIG.4

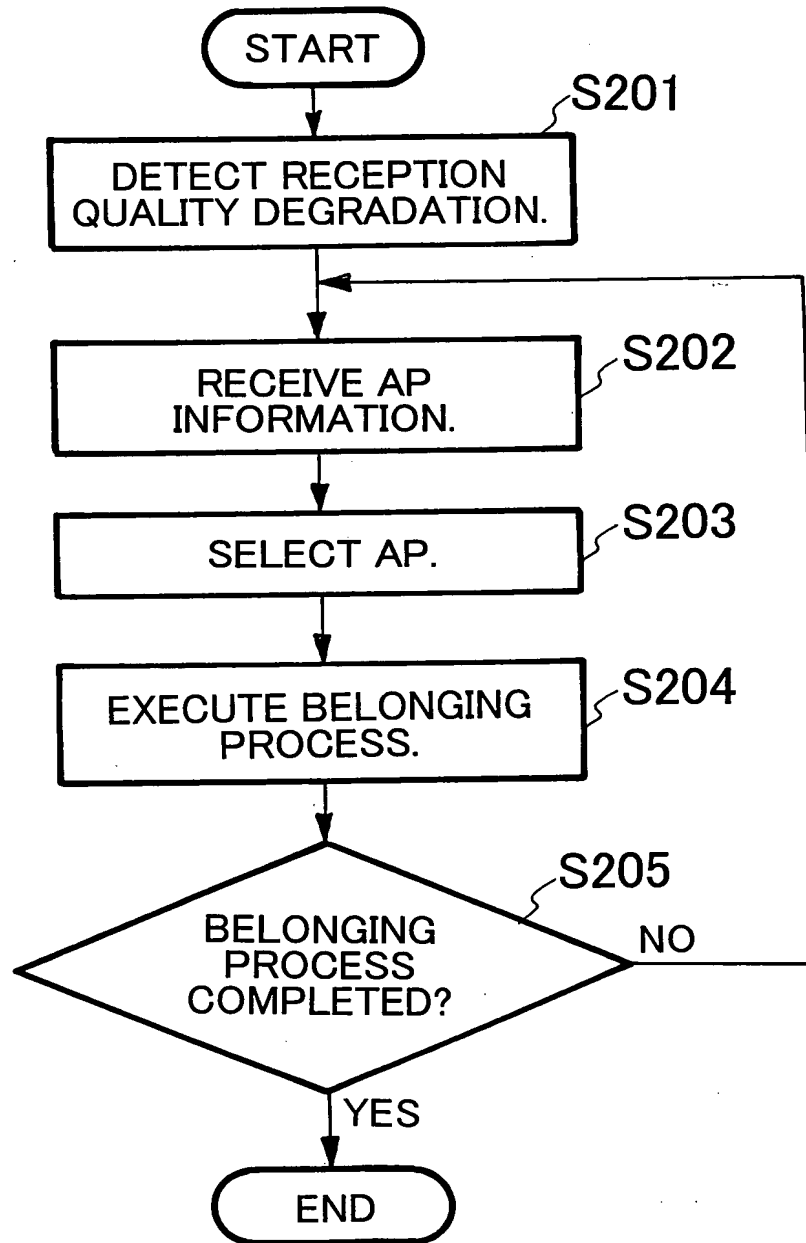


FIG. 5A

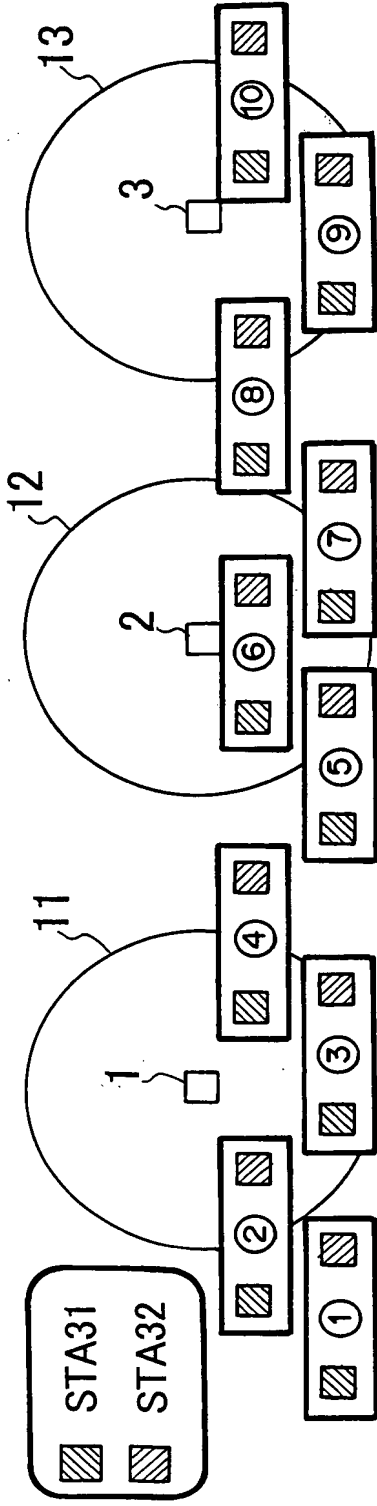


FIG. 5B

THIS INVENTION	31	31→32	32
①	Scan	—	—
②	Scan→AP1	AP1	—
③	AP1	—	AP1
④	Scan	—	AP1
⑤	Scan→AP2	AP2	—
⑥	AP2	—	AP2
⑦	Scan	—	AP2
⑧	Scan→AP3	AP3	—
⑨	AP3	—	AP3
⑩	Scan	—	AP3

FIG. 5C

PRIOR ART	31	31→32	32
①	Scan	—	Scan
②	Scan→AP1	—	Scan
③	AP1	—	Scan→AP1
④	Scan	—	AP1
⑤	Scan→AP2	—	Scan
⑥	AP2	—	Scan→AP2
⑦	Scan	—	AP2
⑧	Scan→AP3	—	Scan
⑨	AP3	—	Scan→AP3
⑩	Scan	—	AP3

FIG. 6

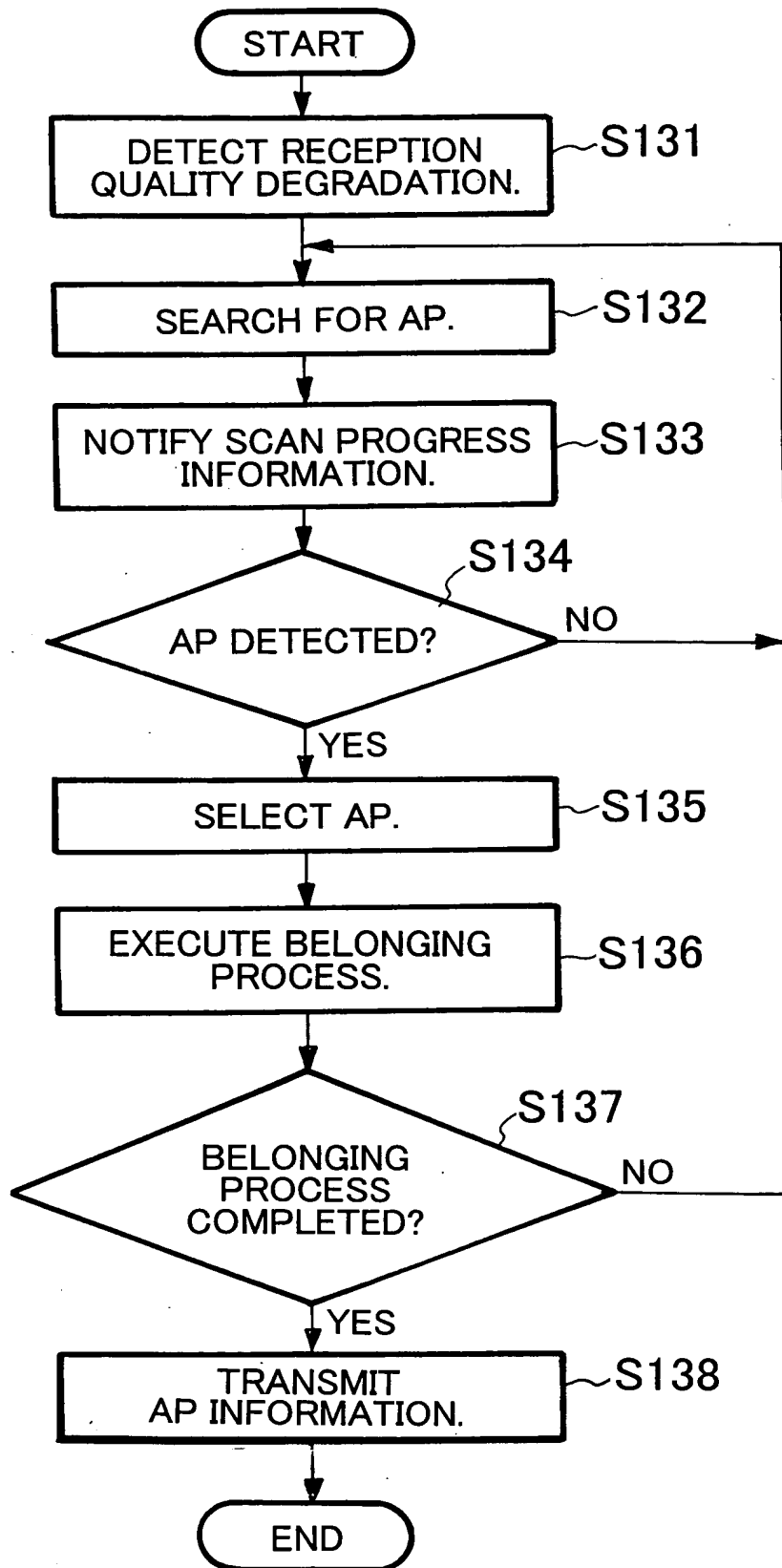


FIG. 7

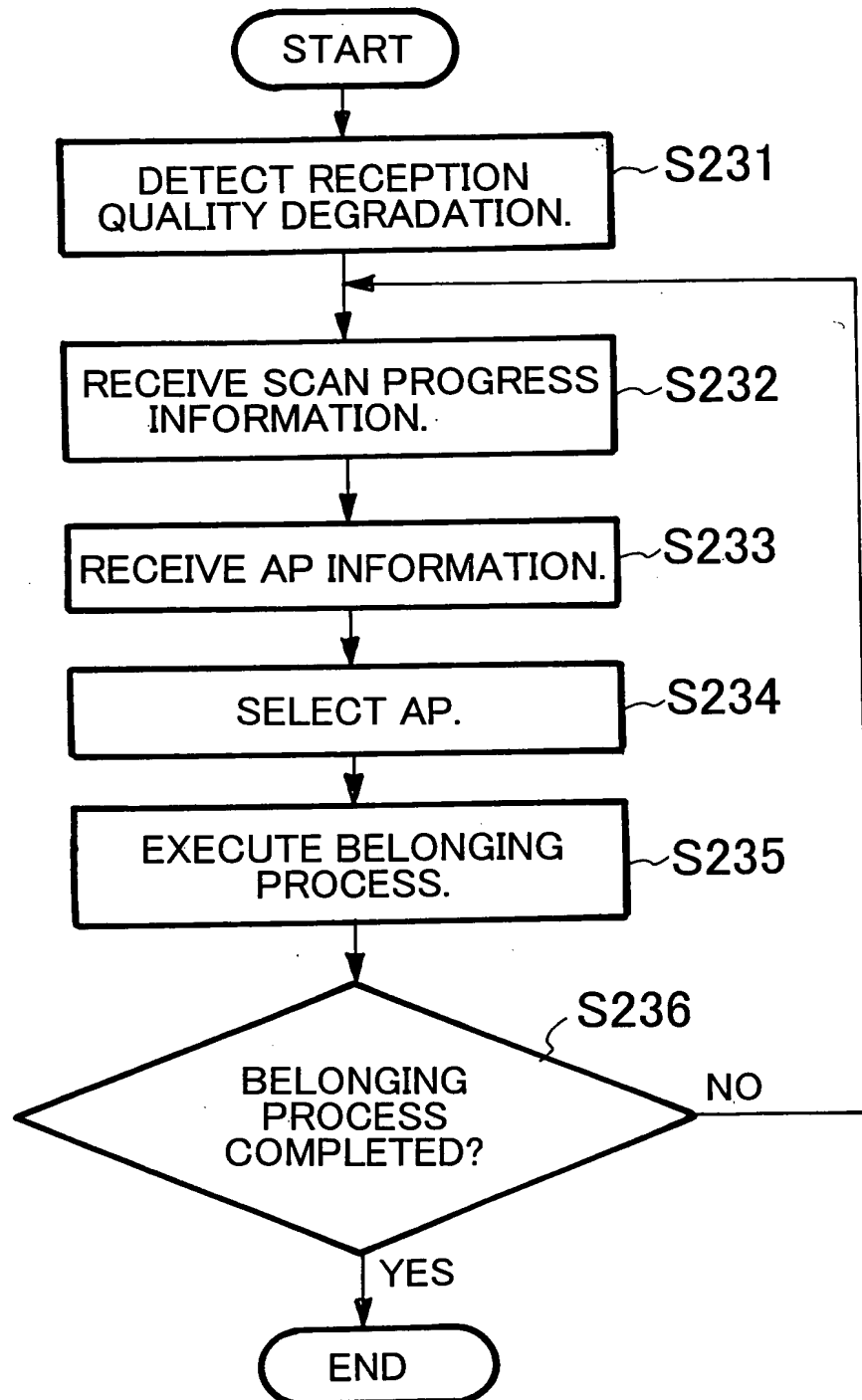


FIG. 8A

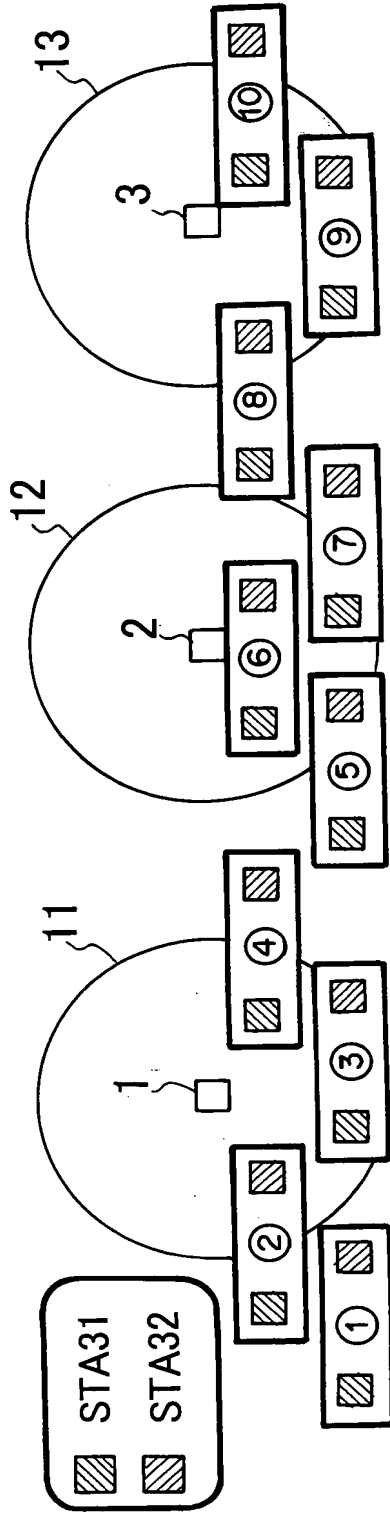


FIG. 8B

THIS INVENTION	31	31→32	32
①	Scan all	f1~fa:x	Scan fa+1~f14
②	Scan all→AP1	f1~f5:x	Scan f6~f14→AP1
③	Scan all	f1~fb:x	AP1
④	Scan all→AP2	f1~f8:x	Scan f9~f14→AP2
⑤	Scan all		AP2
⑥	Scan all→AP3	AP3	AP3
⑦	Scan all	f1~fc:x	AP3
⑧	Scan all		
⑨	Scan all		
⑩	Scan all		

FIG.9

STA31

f1		x
f2		x
f3		x
f4		x
f5		x
f6		
f7		
f8	
f9		
f10		
f11		
f12		
f13		
f14		

STA32

f1		-
f2		-
f3		-
f4		-
f5		-
f6		
f7		
f8	
f9		
f10		
f11		
f12		
f13		
f14		

FIG.10

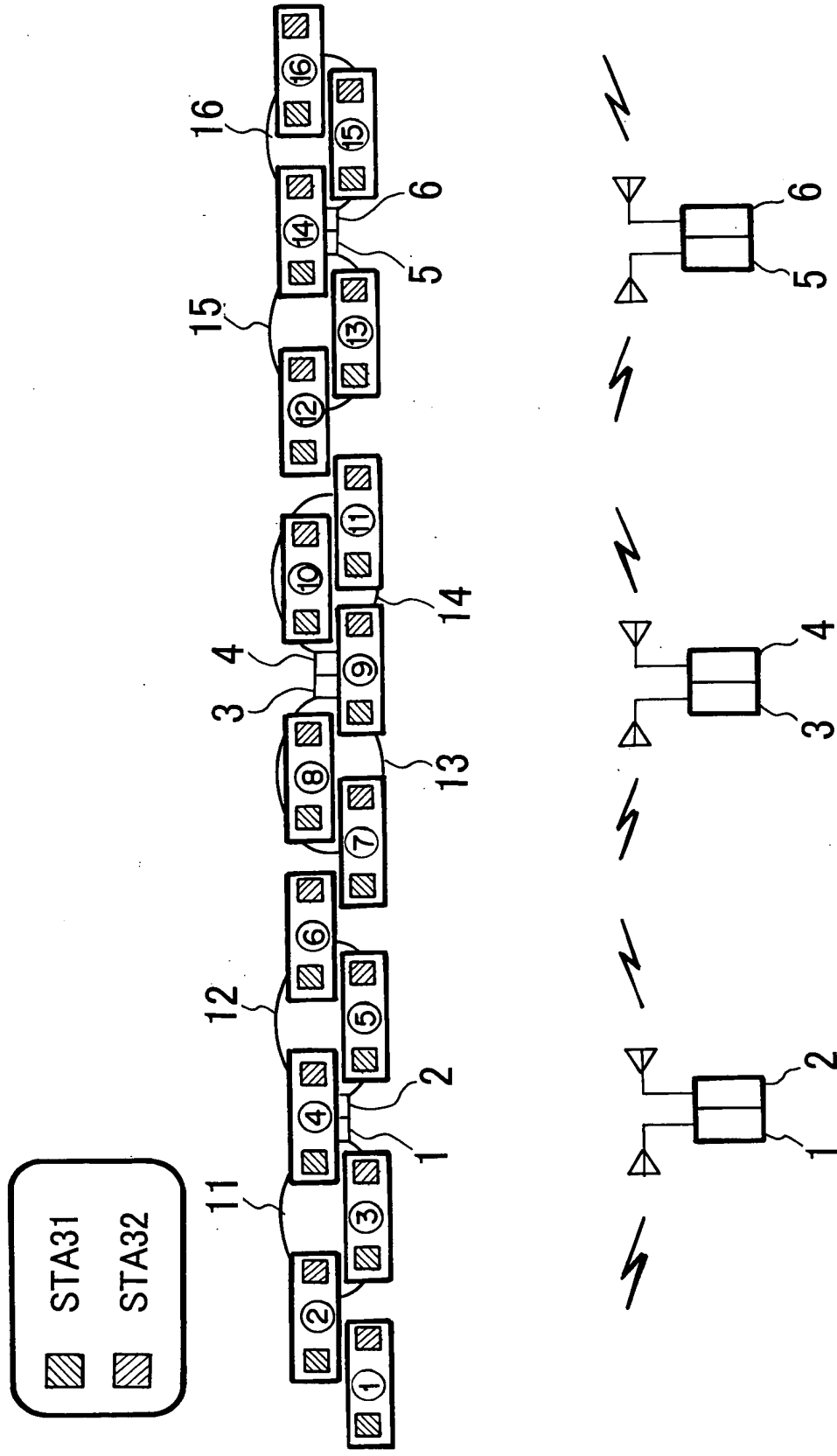


FIG. 11A

THIS INVENTION	31	31→32	32
①	Scan	—	—
②	Scan→AP1	AP1	—
③	AP1	—	AP1
④	Scan→AP2	AP2	AP1
⑤	AP2	—	AP2
⑥	Scan	—	AP2
⑦	Scan→AP3	AP3	—
⑧	AP3	—	AP3
⑨	Scan→AP4	AP4	AP3
⑩	AP4	—	AP4
⑪	Scan	—	AP4
⑫	Scan→AP5	AP5	—
⑬	AP5	—	AP5
⑭	Scan→AP6	AP6	AP5
⑮	AP6	—	AP6
⑯	Scan	—	AP6

FIG. 11B

PRIOR ART	31	31→32	32
①	Scan	—	Scan
②	Scan→AP1	—	Scan
③	AP1	—	Scan→AP1
④	Scan→AP2	—	AP1
⑤	AP2	—	Scan→AP2
⑥	Scan	—	AP2
⑦	Scan→AP3	—	Scan
⑧	AP3	—	Scan→AP3
⑨	Scan→AP4	—	AP3
⑩	AP4	—	Scan→AP4
⑪	Scan	—	AP4
⑫	Scan→AP5	—	Scan
⑬	AP5	—	Scan→AP5
⑭	Scan→AP6	—	AP5
⑮	AP6	—	Scan→AP6
⑯	Scan	—	AP6

FIG. 12

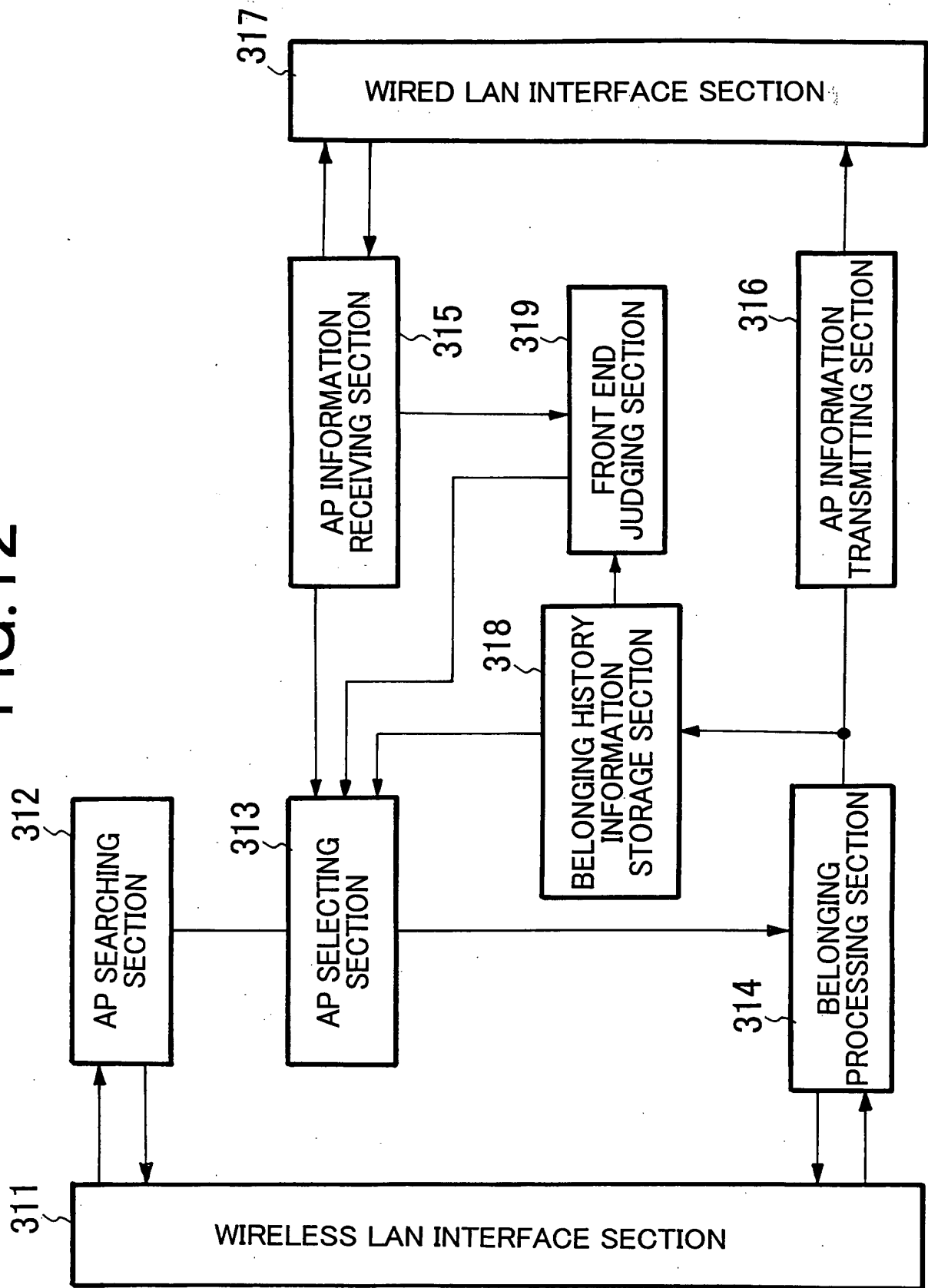


FIG.13A

No.	AP IDENTIFIER	FREQUENCY
1	AP5	f1
2	AP4	f14
3	AP3	f11
4	AP2	f6
5	AP1	f1

BELONGING HISTORY
INFORMATION

FIG.13B

No.	AP IDENTIFIER	FREQUENCY
1	AP6	f6
2	AP5	f1
3	AP4	f14
4	AP3	f11
5	AP2	f6
6	AP1	f1

AP INFORMATION

FIG.14

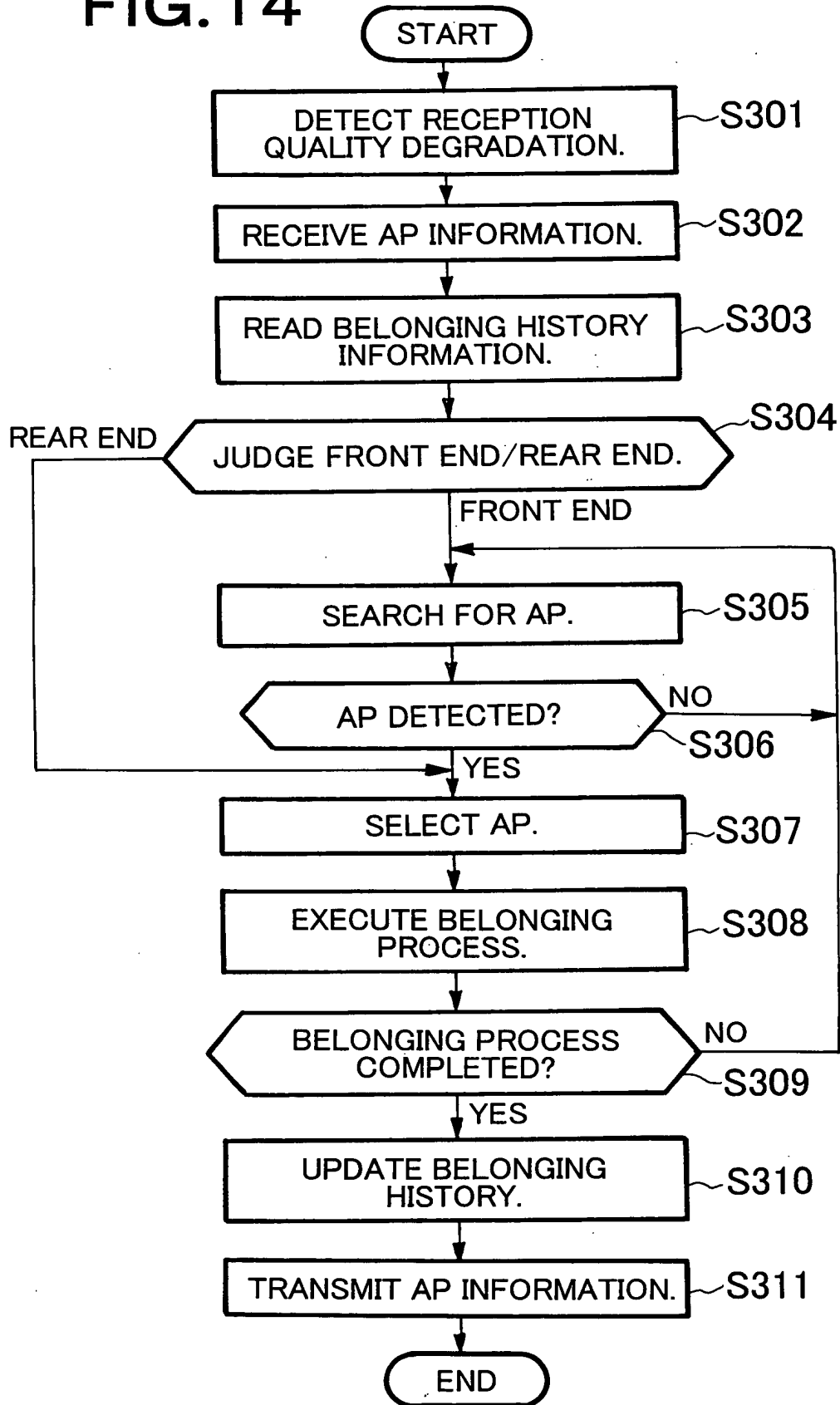


FIG.15

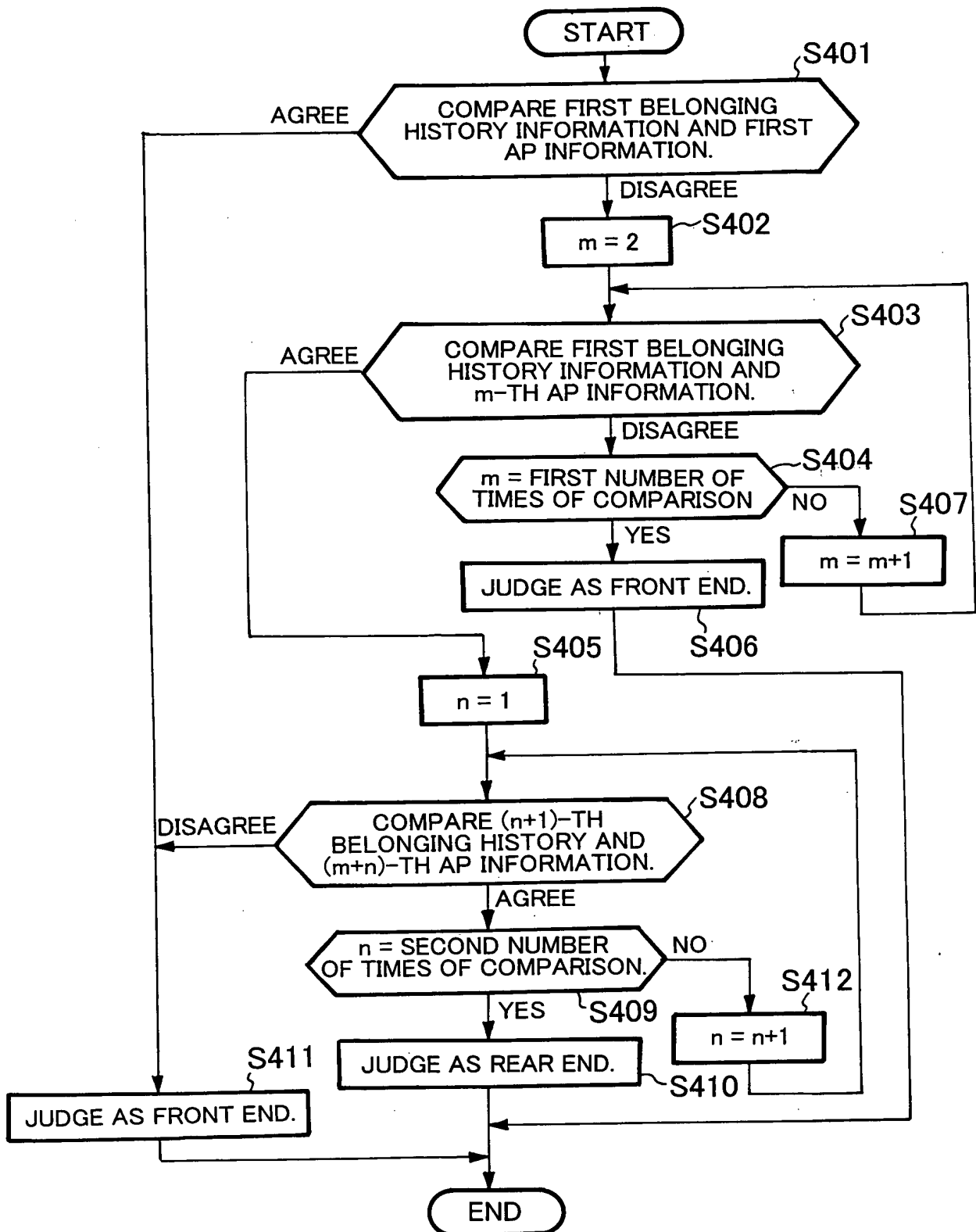


FIG. 16

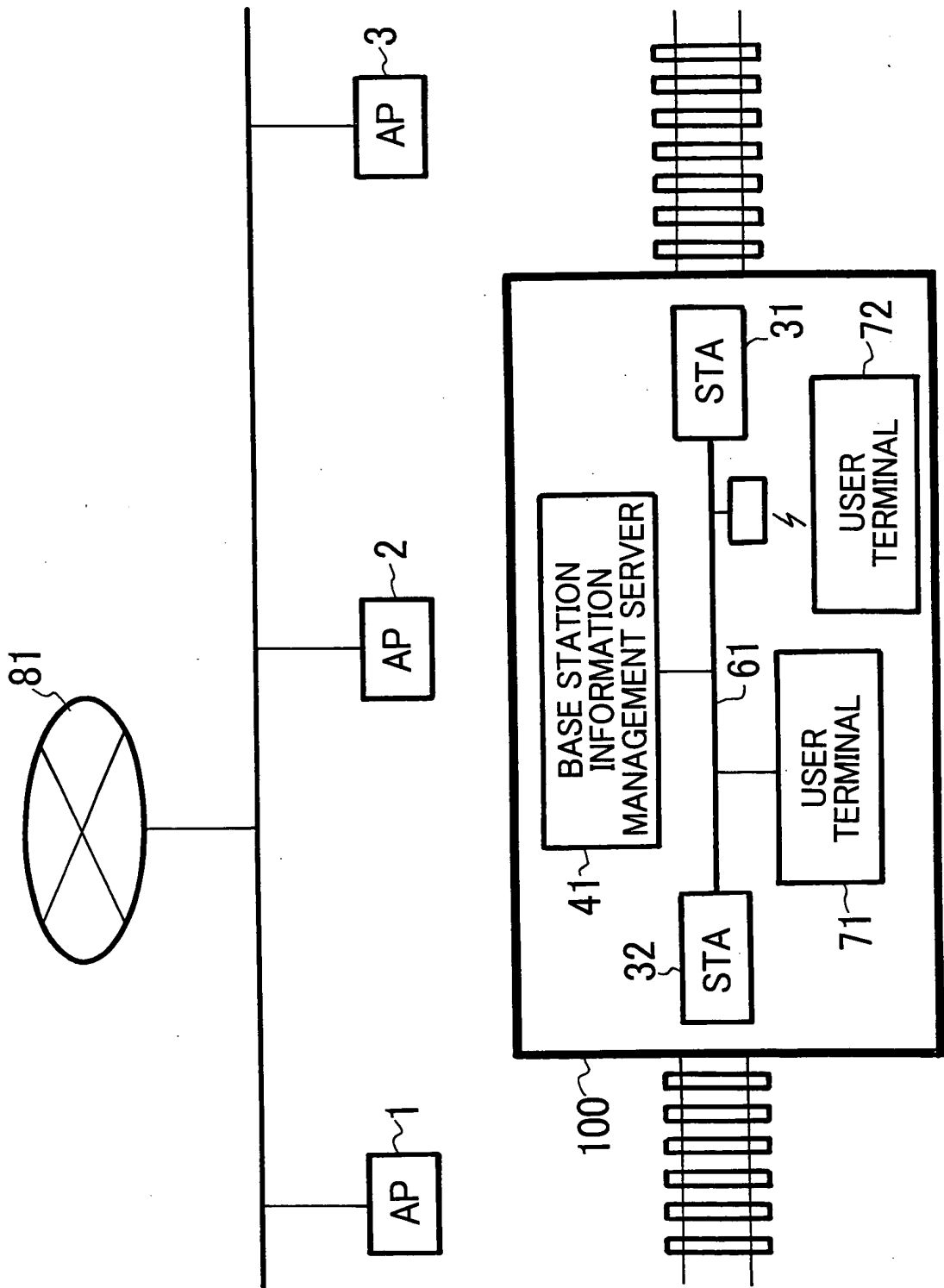


FIG. 17

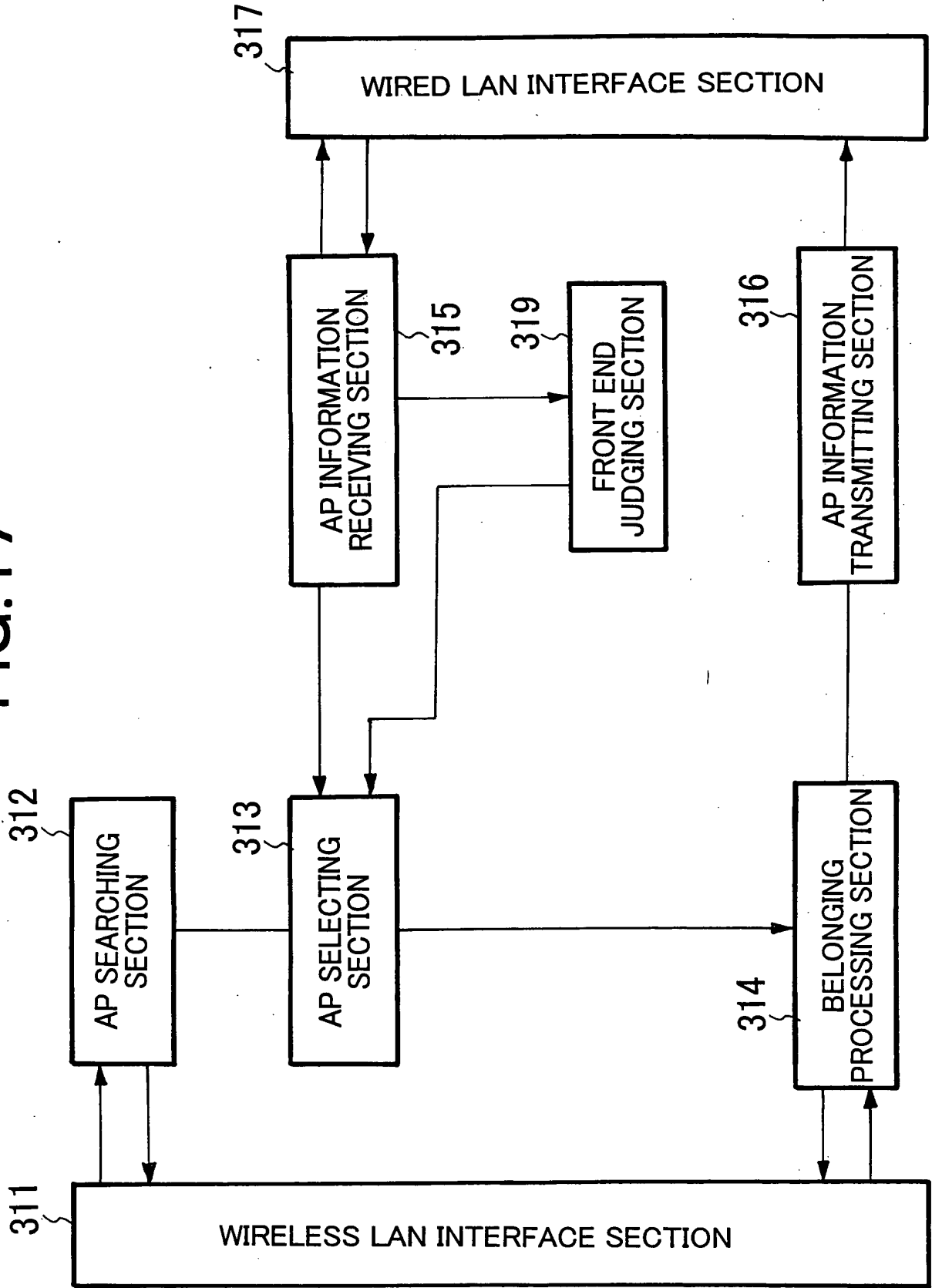


FIG. 18

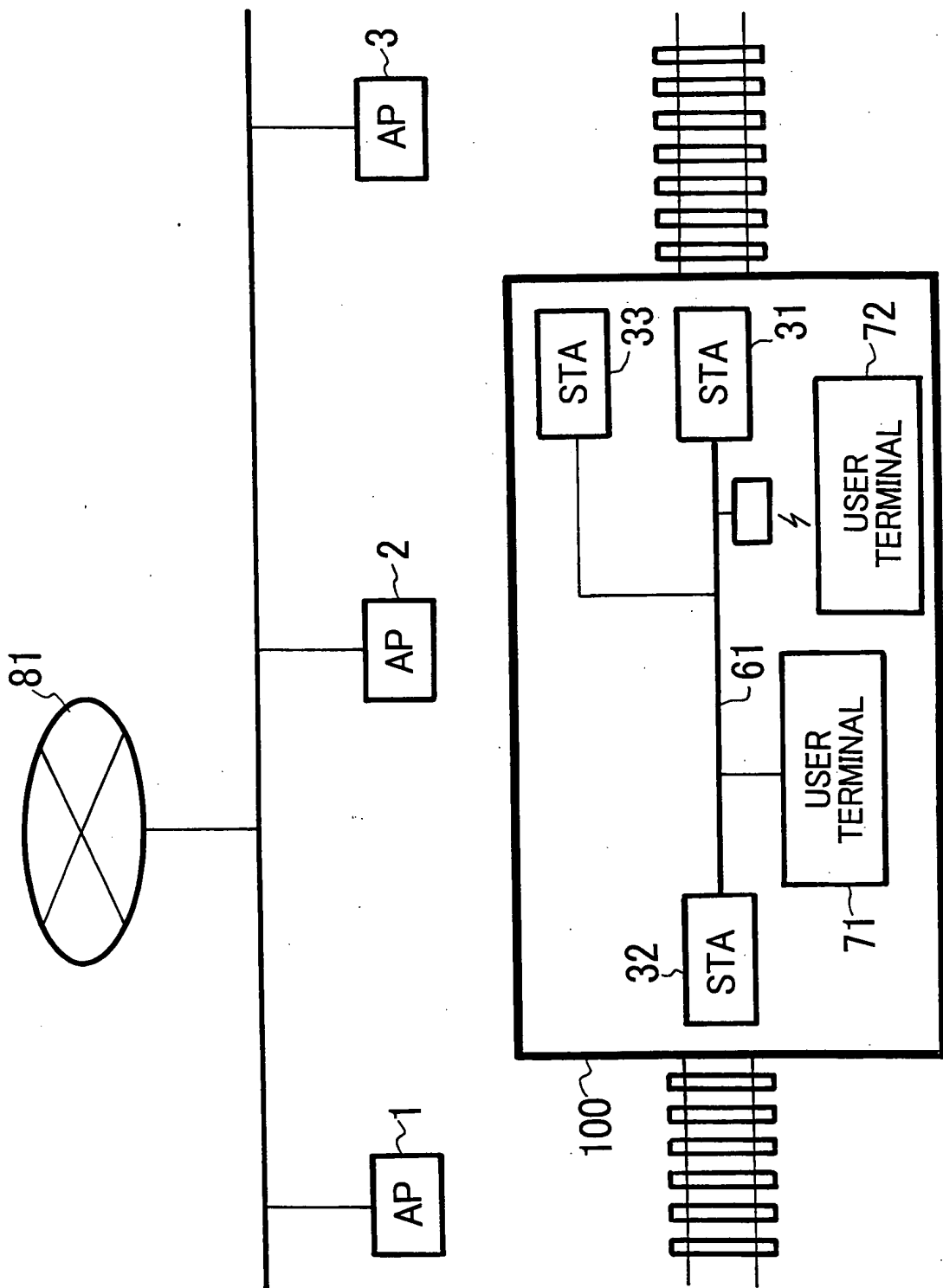


FIG. 19

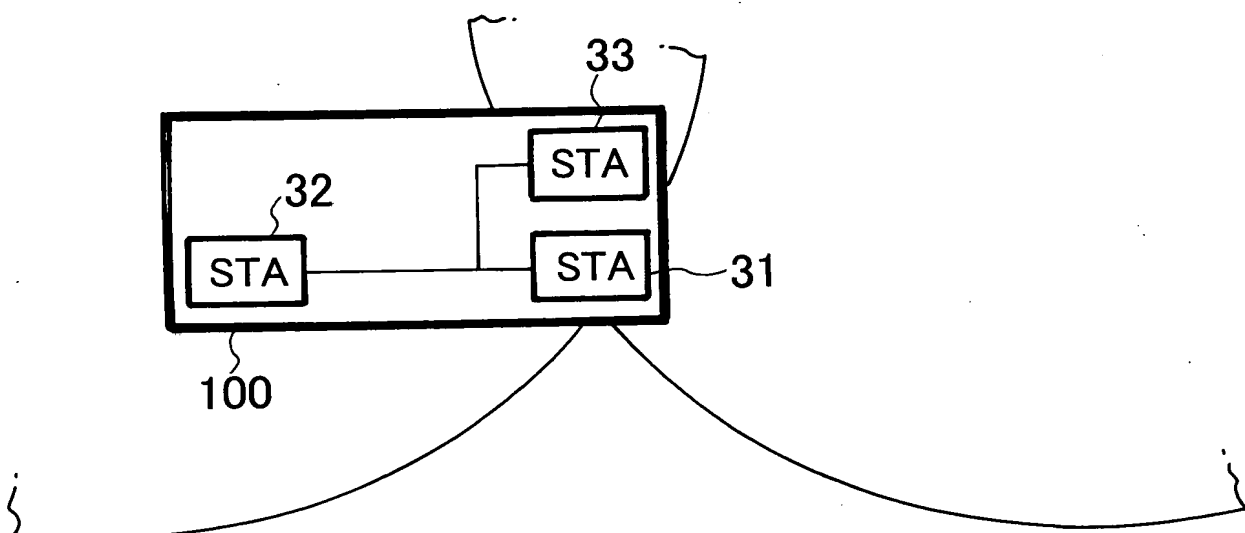


FIG. 20

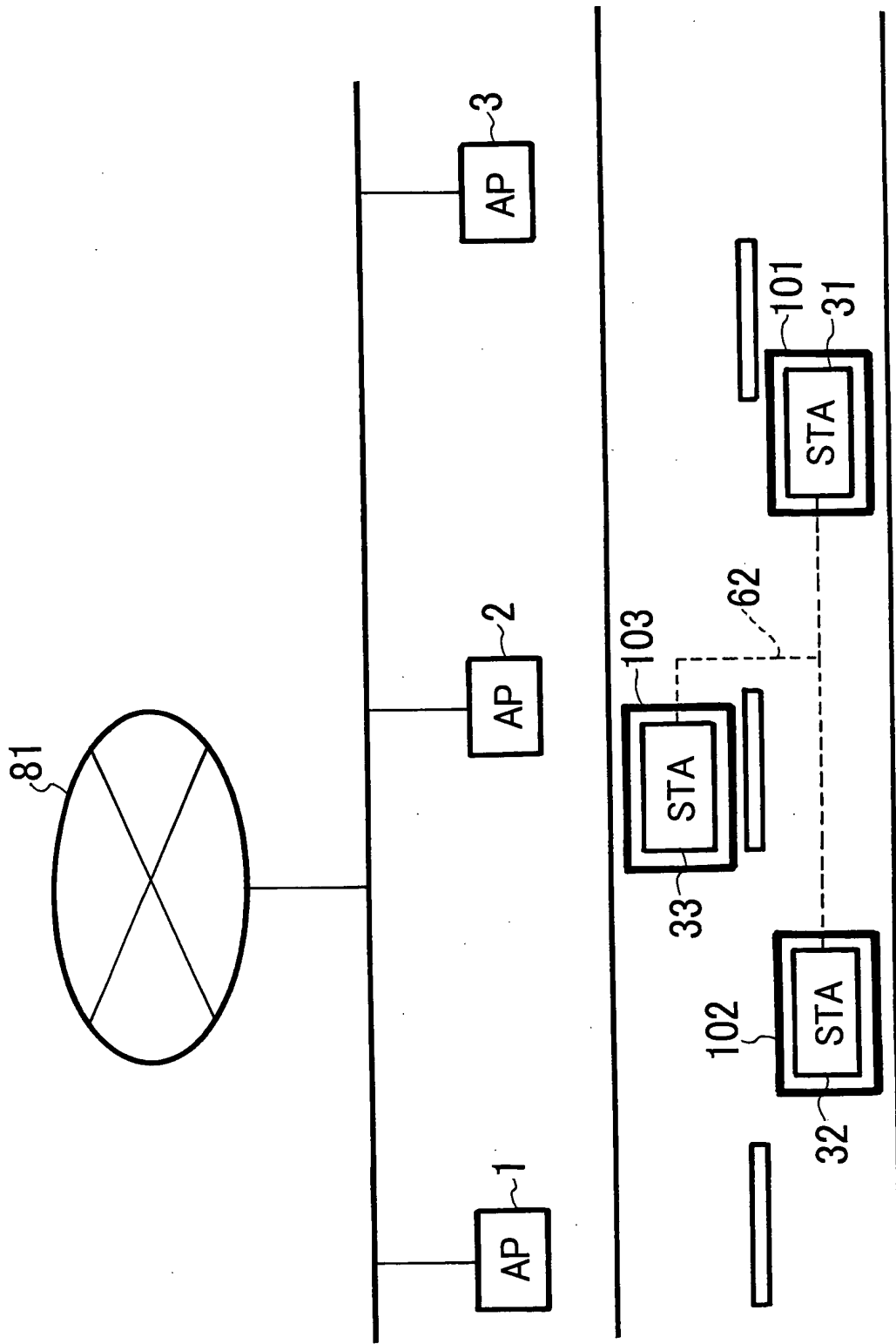


FIG. 21

